ABSTRACT

The Navigation Apparatus transmits to a server apparatus a current position, a destination, and an area of a geographical information stored in a geographic information memory part. The server apparatus receives them to calculate one or more potential routes from the current position to the destination; sets a potential passing-by point for each potential route in the area of the geographic information stored in the Navigation Apparatus; and transmits those potential passing-by points to the Navigation Apparatus. The Navigation Apparatus receives them to calculate traveling routes from the current position to the potential passing-by points and selects one of the potential passing-by points, thereby deciding the passing-by point as a temporary destination within the area of the geographic information stored in the Navigation Apparatus. In this way, the route navigation can be realized without increasing the memory capacity of the geographic information memory part of the Navigation Apparatus. Additionally, since only necessary information, such as the geographic information, passing-by points and the like, are transmitted and received, the communication cost can be reduced.